

A



B

MELTYVAKNGAAATLVMKNAKMRPFIGPLMLSSCESSSTTLPSPSSSSADIKTDNHDTFNFLPDMPDMRREERLXKTFDQWPVTFLTPEQLA
 RNGFYYLGRGDEVCAFCKVEIMRWRVIGDDPAADERRWAQCFVVKQMYANAGGEATAVGRDECGASAATOPPRMPGPVHARYSTEARL
 ATFKDWPRRRMRQKPEELAEGFFYTQGQDCKTKCFYCDGGKLKDWESEDDVPWEQHARWFDRCAAYVOLVKGRDYIQKVKEATAISASEEEQ
 AATNDSTKVAQEGERHDDSKICKKICYSEERNVCFVPCGHVVACAKCALSTDKCPMCRRTFTNAVRLYFS*

C

BmIAP-BIR1 74EEERLKTFDQWPVTFLTPEQLARNGFYYLGRGDEVCCAFCKVEI MRWVEGDDPAADHRRWAPQCP FV
 SEIAP-BIR1 100EDERMKTFKWPVSFLSGEQLARNGFYYLGRDEARCAFCKVEI MRWVEGDDPAKDHQRWAPQCP FV
 TnIAP-BIR1 100EDERIKTFKWPVSFLSGEQLARNGFYYLGRGDEVRCAPCKVEI MRWVEGDDPAKDHQRWAPQCP FV
 CPIAP-BIR1 7EDVRINTFKWPVSFLSGEQLARNGFYYLGRSDEVRCAPCKVEI MRWKEGEDPAADEHKRWAPQCP FV
 OPIAP-BIR1 18KAARLGTYYTAWP VQFLEPSRMAASGFYYLGRGDEVRCAPCKVEI TNWVRGDDPETDHKRWAPQCP FV
 DIAP1-BIR1 44EETRILKTFTDWP LDWLDKROLAQTMGMYFTHAGDKVKCFFCGVEI GCWEQEDQPVPEHQRMSPNCPL

D

BmIAP-BIR2 182EAA LATF KDWPR RMRQKPEELA EAGFFYTQGQD KTKCF YCDGGL KDW ESDDVFW EQH ARWFDRCAV
 SEIAP-BIR2 210EAA LRSF KDWPR CMRQKPEELA EAGFFYTQGQD KTKCF YCDGGL KDW ENHD VFW EQH ARWFDRCAV
 TnIAP-BIR2 209EAA LRSF KDWPR CMRQKPEELA EAGFFYTQGQD KTKCF YCDGGL KDW ENDD VFW EQH ARWFDRCAV
 CPIAP-BIR2 108EAA VKSF HNWR CMKQRPQEOMA DAGFFYTQGQD NTKCF YCDGGL KDW EPED VFW EQH VRWFDRCAV
 OPIAP-BIR2 121EAA LRTFAEWPR GLKQRPPEELA EAGFFYTQGQD KTRCP CCGGGL KDW EPDDAFW QQH ARWFDRCEYV
 DIAP1-BIR2 226ETAA LRTF EAWPR NLKQKP HQLA EAGFFYTQGQD VRCP SCGGGL MDW NDND EPW EQH AIWLSQCRFV

E

BmIAP-RING 298ICKIC YSEERNVCFVPCGHVVACAKCA LSTDKCP MCR
 SEIAP-RING 329ICKIC YAERERNVCFVPCGHVVACAKCA LAADKCP MCR
 TnIAP-RING 331ICKIC FAERERNVCFVPCGHVVACAKCA LAADKCP MCR
 CPIAP-RING 227ICKIC YVEECITVCFVPCGHVVACAKCA LSVDKCP MCR
 OPIAP-RING 220ICKIC LQAEKTVCFVPCGHVVACAKCA AGVTTCP VCR
 DIAP1-RING 390ICKIC YGAINTAFLPCGHVVACAKCA SSVTKCP LCR

Occlusion body formation





